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PAGE 6/32

S/N

10/561,489

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

MIYAZAKI et al.

Examiner:

UNKNOWN

Serial No.:

10/561,489

Group Art Unit:

UNKNOWN

Filed:

DECEMBER 20,

Docket:

14434.92USWO

2005

Title:

LIGHT DIFFRACTION METHOD AND DIFFRACTION DEVICE, DIFFRACTION GRATING USED FOR THEM,

AND POSITION ENCODING DEVICE

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmisted by facsimile to the U.S. Patent and Trademark Office on MARCH 15, 2006.

Name: NICOLE LANDREE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

MS PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report, mailed October 5, 2004 (previously submitted December 20, 2005).

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. §1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each non-U.S. document or other information listed on the enclosed Form 1449 is provided.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

US 2003/0031846 A1 corresponds to JP 2003-119623 (previously submitted December 20, 2005).

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or

otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &

LARSON, P.C. P.O. Box 2902 Minneapolis, MN 55402-0902 (6)2) 455-3800

Dated: March 15, 2006

Douglas P. Mueller Reg. No. 30,300

DPM:nel

Date Mailed: MARCH 15, 2006

Sheet 1 of 1

FORM 1449* SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	Docket Number: 14434.92USWO	Application Number: 10/561,489		
IN AN APPLICATION	Applicant: MTYAZAKI et al.			
(Use several sheets if necessary)	Filing Date: DECEMBER 20, 2005	Group Art Unit: UNKNOWN		

			U.S. PATENT DOCUMEN	TS			
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING D IF APPROP	
	2003/0031846 A1	FEB. 13, 20	03 KUMAZAWA et al.				
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	DOCUMENT NO. DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2003-119623	23.04.03	JAPAN			SEE IDS	
	2001-91717	2001.4.6	JAPAN			ABSTRACT	
	OTHER	DOCUMENT	'S (Including Author, Title, E) }	<u> </u>		
	OTHER	DOCUMENT	5 (including Addio), The, L	ate, retunent i	rages, Etc.)		
	double-	layer micros	, et. al., Enhanced light ophere lattice, Applied P Vol.83, No 18, p.3662-j	hysics Lette	rom a rs,		
	dielectr theories	Hideki T. Miyazaki, et. al., Analysis of specular resonance in dielectric bispheres using rigorous and geometrical-optics theories, Journal Optical Society of America, September 2003, Vol.20, No.9, p.1771-p.1784					

52835 PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

^{*}Substitute Disclosure Statement Form (PTO-1449)